

HP recommends Windows.

HP ENVY Phoenix 810-160 PC



Game on.

Step up your game with the powerful HP ENVY Phoenix 810—clad in battle-worthy armor and designed to dominate opponents with performance that's simply game changing. Get in the zone like never before with lightning-fast processing, stunning graphics, and sound that puts you right in the middle of the action.

About model 810-160

Take gaming to the next level. Designed for ultimate domination, the HP ENVY Phoenix 810 gets you in the zone with lightning-fast processing and powerful graphics.

Key features

- Windows 8.1⁽¹⁾
- 4th generation Intel® Core™ i7-4770 Processor^(2b)
- 16GB PC3-12800 DDR3-1600 SDRAM memory⁽³⁾ 2x8GB (expandable to 32GB)
- 1TB 7200RPM Serial ATA hard drive^(4b)
- 16GB SATA 6G solid-state drive acceleration cache⁽¹²⁾
- NVIDIA GeForce GT 640 graphics card with 4GB DDR3 dedicated memory
- Wireless chiclet-style keyboard with volume control, Windows 8 hot keys and optical mouse⁽¹⁾⁽⁹⁾⁽⁵⁾
- SuperMulti DVD Burner^(6c)
- 2 USB 3.0 (Top I/O) and 2 USB 3.0 (Rear)
- Wireless LAN 802.11a/b/g/n/ac featuring Dual-band (2.4GHz and 5GHz) 2x2 MIMO technology and integrated Bluetooth® 4.0⁽¹⁾⁽⁹⁾⁽²⁶⁾
- 1 year limited hardware warranty and 1 year technical support

Product highlights

- **Featuring Windows 8**
- **HP ENVY Phoenix 810 PC:** Armor shields and styling emphasize strength in design.
- **Windows 8 enhanced keyboard/mouse:** A sleek keyboard/mouse combo with hot keys allows for intuitive navigation of Windows 8.⁽¹⁾⁽⁹⁾⁽⁶⁾
- **Multiple displays:** Add a second or third screen for a more immersive gaming experience. Set up multiple displays with your HP ENVY Phoenix 810 and be ready for action.⁽⁹⁾⁽⁴⁾
- **NVIDIA discrete graphics:** Redefine smooth, seamless, life-like gaming.
- **HP Connected Photo:** Sync photos across your PC, smartphone and tablet with HP Connected Photo. Capture, store and order prints on Snapfish, or share them on social networks.⁽³⁾⁽⁷⁾
- **HP Connected Music:** A unique music application providing limitless discovery, HP Connected Music seamlessly integrates your collection with leading music and radio services.⁽³⁾⁽⁸⁾
- **HP SimplePass:** Easily access your online accounts with a single password or PIN, and keep your identity to yourself. HP SimplePass remembers your passwords, so you get to the good stuff faster.
- **CyberLink:** We've got your multimedia needs covered. With powerful photo and video editing—even an enhanced video experience.
- **Beats Audio™:** Designed for the best sounding, richest audio on a PC.
- **Red LED lighting:** See extreme processing in action through an LED-illuminated window.
- **802.11ac WiFi:** Gain faster, more reliable wireless than ever.⁽⁵⁾⁽¹⁾
- **ExpressCache:** Enjoy fast boot up and application start times with ExpressCache.⁽¹⁾⁽²⁾
- **Box®:** Finally, all of your mobile content is in one place. Free 50GB lifetime cloud storage⁽⁶⁾⁽³⁾ from Box®.
- **McAfee:** Free 30-day Trial of McAfee LiveSafe™ service included. McAfee LiveSafe™ service enriches your digital life by protecting your data, identity and all your devices so you can connect with confidence.⁽⁸⁾

Energy efficiency your way

HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP ENVY Phoenix 810 PC that meets strict energy-efficiency and helps reduce your carbon footprint.

- All HP computing products are delivered by SmartWay carriers.⁽⁶⁾⁽³⁾
- Recycled packaging
- Eligible for free recycling or cash back through HP's Planet Partners Recycling and Consumer Buyback programs (www.hp.com/go/easybuyback).⁽³⁾⁽¹⁾

Here to keep you happy

HP Total Care provides award-winning 24x7 service and support in the U.S. and normal business hours for Canada and Latin America. To learn more, visit www.hp.com/go/totalcare. During your limited warranty period, enjoy:

- 24x7 technical assistance via on-line chat, e-mail, HP Support Forum or HP Total Care.⁽⁵⁾⁽⁸⁾
- Parts and labor coverage, including customer-replaceable parts, return of equipment to HP, and authorized service provider options.
- Toll-free technical and limited software support in English, French or Spanish at 1.800.474.6836.

In addition, and at no charge, you get lifetime access to HP's Support Forum in English, French or Spanish at www.hp.com/go/supportforum and HP Support Assistant, a free self-help tool that's built right into Windows based PC's.⁽⁵⁾⁽⁷⁾ HP also offers a variety of enhanced services and options both in and out of warranty to give you peace of mind and extend the coverage on your pc. Visit www.hp.com/totalcare for details.

Need more? Say hello to HP SmartFriend - 24/7 personalized service, including "how-to" help on everything from virus removal to software setup to printing problems. Get support over the phone or let us log into your PC remotely and solve the problem for you.⁽⁹⁾⁽⁵⁾ Single use and subscription plans available. hp.com/go/smartfriend



Specifications

Operating System	Windows 8.1 ⁽¹⁾
Processor	4th generation Intel® Core™ i7-4770 Processor ^(2b)
Processor Speed	3.40GHz ⁽⁷⁾
Cache	8MB Cache
Bus Speed	DMI 5.0 GT/s ⁽¹³⁾
Memory	16GB PC3-12800 DDR3-1600 SDRAM memory ⁽²⁾ 2x8GB (expandable to 32GB)
Hard Drive	<ul style="list-style-type: none">1TB 7200RPM Serial ATA hard drive^(6a)16GB SATA 6G solid-state drive acceleration cache⁽¹²⁾Life doesn't wait. With ExpressCache, you'll enjoy fast boot-up and application start times. So you can get going in a flash.⁽¹²⁾
Optical Drive(s)	<ul style="list-style-type: none">SuperMulti DVD Burner^(6d)Write: 16x max DVD±R, 8x max DVD±R DL, 8x max DVD+RW, 6x max DVD-RW, 5x max DVD-RAM, 40x max CD-R, 24x max CD-RWRead: 16x max DVD-ROM, 40x max CD-ROMData transfer rates up to 6,000 KB/s (CD read/write) and 21,600 KB/s (DVD read/write)
Video Graphics	<ul style="list-style-type: none">NVIDIA GeForce GT 640 graphics card with 4GB DDR3 dedicated memoryUp to 122260MB Total Available Graphics Memory as allocated by Windows 8
Network Interface	10/100/1000 Base-T Network ⁽²⁹⁾
Wireless Connectivity	Wireless LAN 802.11a/b/g/n/ac featuring Dual-band (2.4GHz and 5GHz) 2x2 MIMO technology and integrated Bluetooth® 4.0 ⁽¹⁹⁾⁽²⁶⁾
Sound	<ul style="list-style-type: none">High Definition Audio with up to 7.1 surround sound capabilitiesBeats Audio™⁽⁵⁰⁾
Memory Slots	4 DIMM (240-pin, DDR3) (two available)
Expansion Slots	<ul style="list-style-type: none">3 PCI-E x1 (two available)1 PCI-E x16 (occupied)
Expansion Bays	<ul style="list-style-type: none">2 External 5.25" (one available)3 Internal 3.5" (one available)
Memory Card Reader	HP 15-in-1 Multi-slot Media Card Reader - Supports SD,SDHC, SDXC, Compact Flash I, Compact Flash II, Microdrive, Smart Media, Memory Stick, Memory Stick Select, Memory Stick PRO, Memory Stick MagicGate, Memory Stick Duo, Memory Stick PRO Duo, Memory Stick MagicGate Duo, Memory Stick PRO-HG Duo (8-bit)
External Ports	<ul style="list-style-type: none">Headphone and MicrophoneTop I/O: 2 USB 3.0Rear: 2 USB 2.0, 2 USB 3.0Optical Audio OutputRear I/O Panel Surround Audio Jacks (Surround L/R, Center/LFE, Surround rear L/R)Front I/O: 4 USB 2.0
Multi-Display Capable	DVI, VGA (via dongle), DP and HDMI capabilities, NVIDIA Surround multi-monitor technology, support for Microsoft DirectX 11 (up to three monitors).
Mouse and Keyboard	Wireless chiclet-style keyboard with volume control, Windows 8 hot keys and optical mouse ⁽¹⁾⁽⁹⁰⁾
Power Supply	600W Power Supply (internal)
Dimensions	<ul style="list-style-type: none">Unpackaged: 16.88 in (L) x 6.86 in (W) x 16.29 in (H) approx.Packaged: 19.65 in (L) x 11.22 in (W) x 20.51 in (H) approx.
Weight	<ul style="list-style-type: none">Unpackaged: 22.07 lb approx.Packaged: 27.25 lb approx.
Warranty and Support	<ul style="list-style-type: none">Warranty:<ul style="list-style-type: none">1 year limited hardware warranty and 1 year technical support24x7 technical assistance available online⁽¹⁰⁾ or toll-free by phoneService:<ul style="list-style-type: none">For information on Authorized support providers, replacement parts, and other service related information, visit www.hp.com/supportSupport:<ul style="list-style-type: none">Click the HP Support Assistant icon in your taskbar or desktop for easy access to automated maintenance, built-in diagnostic tools, and a choice of assistance options. Learn more at www.hp.com/go/hpsupportassistantVisit our Consumer Support Forum, available 24x7 in English, French or Spanish at www.hp.com/go/supportforumContact technical support (available 24x7; toll-free phone, chat, or email) at http://welcome.hp.com/country/us/en/wwwcontact.html

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⁽¹⁾ Not all features are available in all editions of Windows 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8.1 functionality. See <http://www.microsoft.com> ^(2a) Intel's numbering is not a measurement of higher performance. Dual-core/multi-core is a new technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. ^(2b) Up to 512MB of main system memory may be allocated to support video graphics. ^(6a) For hard drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of hard drive is reserved for system recovery software. ^(6d) Actual speeds may vary. Don't copy copyright-protected materials. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media. ⁽⁸⁾ Internet access required and not included. Subscription required after 30 days trial period. ⁽⁹⁾ Intel® Smart Response Technology: requires a compatible Intel processor, enabled chipset, Intel® Rapid Storage Technology software and a properly configured HDD + solid state cache. The solid state cache is designed to accelerate the system response experience and not utilized as additional storage capacity. Depending on system configuration, your results may vary. ⁽¹⁰⁾ Internet access required and not included. ⁽¹¹²⁾ Requires Conduiv ExpressCache Technology software. Depending on usage and system configuration, your results may vary. Faster boot and resume times are dependent on number and file of apps typically used on the PC, as well as how often the user puts the PC in sleep or off mode. ⁽¹³⁾ Actual bus speed is less. Listed bus speed represents the equivalent effective throughput for data. ⁽¹⁹⁾ Wireless access point required and not included. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. ⁽²⁹⁾ Actual speeds may vary. ⁽⁵¹⁾ Free recycling in select countries. Program may not be available in your area. Check www.hp.com/go/recycling to see if HP offers free recycling in your area. ⁽⁵⁷⁾ Supported on Windows and Android operating systems. Companion Snapfish iOS app available for download. Snapfish membership required. Internet service required and not included. ⁽⁵⁸⁾ Availability of features varies by country. Streaming services may require a paid subscription. May not be compatible with all music files. Not compatible with DRM tracks. Internet service required and not included. ⁽⁶⁰⁾ Headphones or speakers required for Beats Audio™ sound and sold separately. ⁽⁶¹⁾ Wireless access point and Internet service required and not included. ⁽⁶⁶⁾ For more information, visit <http://www.hp.com/go/hpsupportassistant>. [Link will vary outside of the U.S.] HP Support Assistant is only available on Windows-based PCs. ⁽⁶⁷⁾ Internet connection required for updating and connecting to HP Support. ⁽⁶⁸⁾ 24x7 support available only in North America. Rest of world is supported during normal business hours. ⁽⁶⁹⁾ Click on the Box tile on the Start screen of your HP computer and register for a new account to receive the offer. Offer valid through December 31, 2014. ⁽⁶³⁾ Designation based on actions to reduce transportation-related emissions. ⁽⁶⁴⁾ Purchase of product key or subscription (1 month trial for new Office 365 customers) is required for full Office. Internet Service is required and not included. Click the Office icon for more details on the Office product that is right for you. ⁽⁶⁵⁾ Sold separately or as an optional feature. ⁽⁶⁶⁾ For full functionality of the share hot key, internet access is required and not included. Monitor and speakers sold separately. Actual product may vary from image shown on datasheet. ©2014 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. 12/18_r1r

Software

Communication and Chat	<ul style="list-style-type: none">Pinger: Let your PC handle all your communication with a local phone number, unlimited text messaging to any US/Canada number, incoming calls and voicemail—all for free.⁽¹⁰⁾
Games	<ul style="list-style-type: none">HP Exclusive! 10 free game rental sessions of Plants vs. Zombies. Your HP computer also comes preloaded with a FREE game – Farm Frenzy (\$19.99 value) and HP Games.Microsoft Games: (Solitaire, Mahjong) Free pre-installed Windows 8 games, ready to play.
HP Help and Support	<ul style="list-style-type: none">Getting Started with Windows 8: HP's application makes it fun & easy to get to know Windows 8. Let us help you learn the basics of navigating the new Start Screen, powering off your device, and additional tips and tricks through helpful step by step videos.HP Support Assistant: With HP Support Assistant, enjoy immediate, always-on, self-help support built right into your PC, for the life of your PC, absolutely free.⁽⁵⁶⁾⁽⁵⁷⁾
Books, Music, Photos and Videos	<ul style="list-style-type: none">Amazon Kindle for Windows 8⁽¹⁾Beats Audio™: With Beats Audio™, dual speaker, and an optional subwoofer, the ENVY is designed for the best sounding, richest audio available on a PC.⁽⁵⁰⁾CyberLink PhotoDirector: Makes it easy to create spectacular photos. From the moment your images are imported, the software empowers you with the tools you need to create eye-catching images, including photo management, photo adjustment and advanced editing features.CyberLink PowerDirector: Fast, feature-rich and easy to use, the powerful set of integrated tools lets you create brilliant videos. Whether you're practically an expert or a novice. Packed with intuitive and exciting features and is designed for creating brilliant high definition videos that will amaze your friends and family.CyberLink PowerDVD: Upgrade your video watching experience with CyberLink's TrueTheater technology including enhanced lighting features and improved audio quality.HP Connected Music: Access multiple music sources from one location with HP Connected Music. Listen to radio stations and broadcasts from all over the world with TuneIn Radio and integrate your music library and leading music services in a single, unique application.⁽³⁸⁾HP Connected Photo powered by Snapfish: Sync photos across your PC, smartphone, and tablet. Crop, rotate, add captions, and more. Then share in seconds with friends and family through your social networks.⁽⁷⁷⁾ Picture the fun.Netflix: Watch movies and TV online or via DVDs with subscription.
Productivity and Tools	<ul style="list-style-type: none">7-zip: File Archive UtilityBox: Simple, secure sharing from nearly anywhere.⁽¹⁾⁽⁸⁾Buy Office: The most powerful Office yet. Your content when and where you need it.⁽⁶⁴⁾HP Recovery Manager: Recover, restore, and create recovery media for your PC.
Security and Protection	<ul style="list-style-type: none">HP SimplePass: Access online accounts with a single password or PIN.McAfee®: Free 30-day Trial of McAfee LiveSafe™ service included. McAfee LiveSafe service enriches your digital life by protecting your data, identity and all your devices so you can connect with confidence.⁽⁸⁾

Additional information

Product Number	F3D90AA#ABA
Ad embargo date	1/26/2014
UPC code	888182121382
Country of origin	Mexico
Tariff number	8471500085
Pallet information	<ul style="list-style-type: none">Dimensions: 47.24 in (L/D) x 39.37 in (W) x 88.19 in (H) approx.Total weight: 894.17 lb approx.Layers: 4Products per layer: 8Total products per pallet: 32

